

INTERNATIONAL SEARCH REPORT

Rec'd PCT/PTO 15 MAR 2005

International Classification No.
PCT/DR 03/00460

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A21D8/04 C12N9/20 C12N9/02 C11D3/386

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A21D C12N C11D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, MEDLINE, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 02 19828 A (NOVOZYMES AS) 14 March 2002 (2002-03-14) claim 8	1-6
P,A	--- WO 02 086114 A (NOVOZYMES AS ; TAKAGI SHINOBU (JP); SUGIO AKIKO (US)) 31 October 2002 (2002-10-31) claim 11	1-6
Y	--- T. GALLIARD: "Hydrolytic and Oxidative Degradation of Lipids During Storage of Wholemeal Flour: Effects of Bran and Germ Components " JOURNAL OF CEREAL SCIENCE, vol. 4, 1986, pages 179-192, XP002255190 figures 1-6 --- -/--	1-6

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

22 September 2003

Date of mailing of the international search report

05. 11. 2003

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/DK 03/00460

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DATABASE WPI Section Ch, Week 198106 Derwent Publications Ltd., London, GB; Class D11, AN 1981-08437D XP002255191 & JP 55 153549 A (MEIJI SEIKA KAISHA ET AL), 29 November 1980 (1980-11-29) abstract	1-6
A	--- WO 02 03805 A (CHRISTENSEN LUISE ;SPENDLER TINA (DK); BUDOLFSEN GITTE (DK); NOVOZ) 17 January 2002 (2002-01-17) claims 1-14	1-6
A	--- WO 00 32758 A (SHAMKANT ANANT PATKAR ;BORCH KIM (DK); PETRI ANDREAS (DK); VIND JE) 8 June 2000 (2000-06-08) claim 64 -----	1-6

INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK 03/00460

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☒ Claims Nos.: 1-5
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-5

Present claims 1-5 relate to processes and compositions defined by reference to a desirable characteristic or property, namely "to be added in amounts producing a synergistic effect".

The claims cover all processes and compositions having this characteristic or property, whereas the application provides support within the meaning of Article 6 PCT and / or disclosure within the meaning of Article 5 PCT for only a very limited number of such processes and compositions. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 6 PCT). An attempt is made to define the processes and compositions by reference to a result to be achieved. Again, this lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible.

Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely those parts relating to the processes and compositions prepared in example 1.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/BR 03/00460

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0219828	A	14-03-2002	AU 8381701 A WO 0219828 A1 US 2002094367 A1	22-03-2002 14-03-2002 18-07-2002
WO 02086114	A	31-10-2002	WO 02086114 A1	31-10-2002
JP 55153549	A	29-11-1980	JP 1379703 C JP 61047492 B	28-05-1987 20-10-1986
WO 0203805	A	17-01-2002	AU 7235901 A CA 2412533 A1 WO 0203805 A1 EP 1301080 A1	21-01-2002 17-01-2002 17-01-2002 16-04-2003
WO 0032758	A	08-06-2000	AU 1376300 A BR 9915711 A CA 2353379 A1 CN 1331742 T WO 0032758 A1 EP 1131416 A1 JP 2003524386 T NZ 511340 A TR 200101497 T2 ZA 200102858 A	19-06-2000 21-08-2001 08-06-2000 16-01-2002 08-06-2000 12-09-2001 19-08-2003 25-07-2003 21-11-2001 12-11-2001